

<b>Notice of Allowability</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/022,594	KAMIYA ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Shick C. Hom	2616	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1.  This communication is responsive to 2/22/07.
2.  The allowed claim(s) is/are 1-52.
3.  Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a)  All
  - b)  Some\*
  - c)  None
 of the:
  1.  Certified copies of the priority documents have been received.
  2.  Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3.  Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4.  A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5.  CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a)  including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1)  hereto or 2)  to Paper No./Mail Date \_\_\_\_\_.
  - (b)  including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6.  DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

#### Attachment(s)

1.  Notice of References Cited (PTO-892)
2.  Notice of Draftperson's Patent Drawing Review (PTO-948)
3.  Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4.  Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5.  Notice of Informal Patent Application
6.  Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7.  Examiner's Amendment/Comment
8.  Examiner's Statement of Reasons for Allowance
9.  Other \_\_\_\_\_.

*Seema S. Rao*  
 SEEMA S. RAO 5/23/07  
**SUPERVISOR, PATENT EXAMINER**  
**TECHNOLOGY CENTER 2600**

Art Unit: 2616

**EXAMINER'S AMENDMENT**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.
2. Authorization for this examiner's amendment was given in a telephone interview with attorney Frederick E. Cooperrider on 7/11/07.

The application has been amended as follows: in claim 20 amend entire claim as:

20. The GFP frame transfer apparatus according to claim 16 or claim 17, wherein said subnetwork comprises a POS (Packet Over SONET).

In claim 53, delete entire claim 53 as shown in preliminary amendment of 12/20/01.

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Shick C.

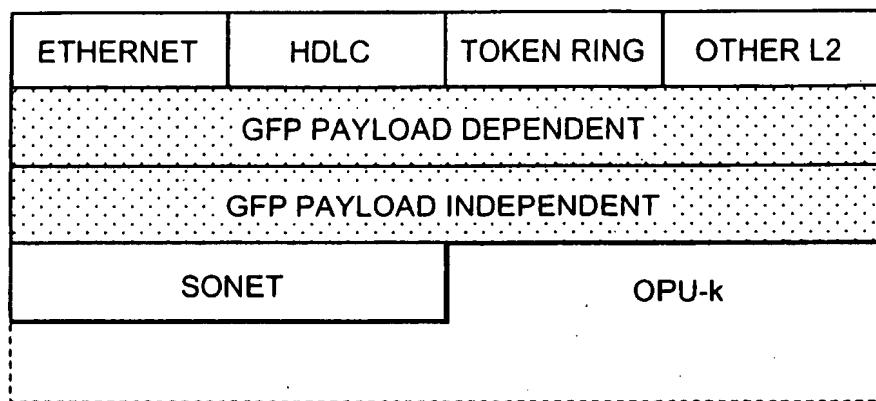
Art Unit: 2616

Hom whose telephone number is 571-272-3173. The examiner can normally be reached on Mon-Fri.

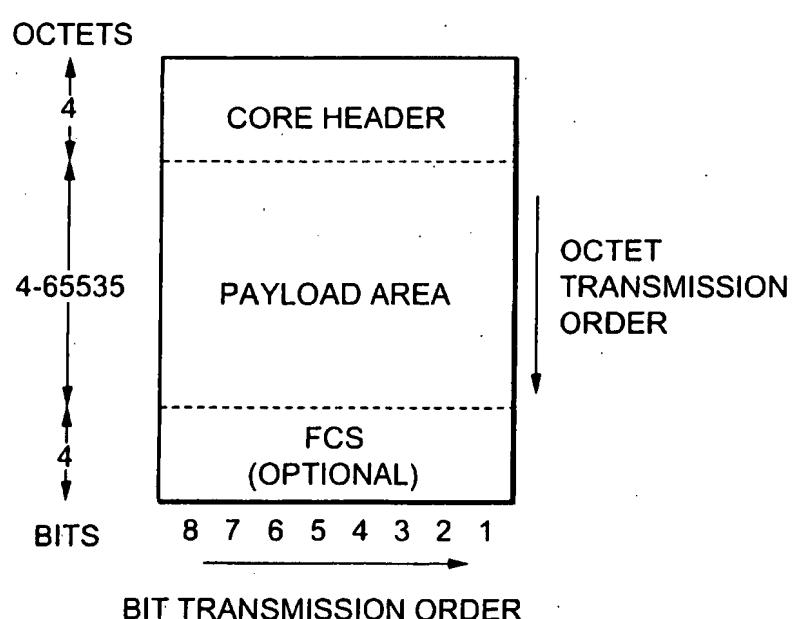
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Pham Chi can be reached on 571-272-3179. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

SH



(PRIOR ART)  
Fig.1

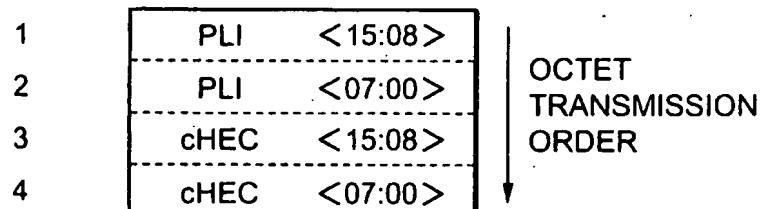


(PRIOR ART)

Fig.2

2/15

OCTET #



BITS

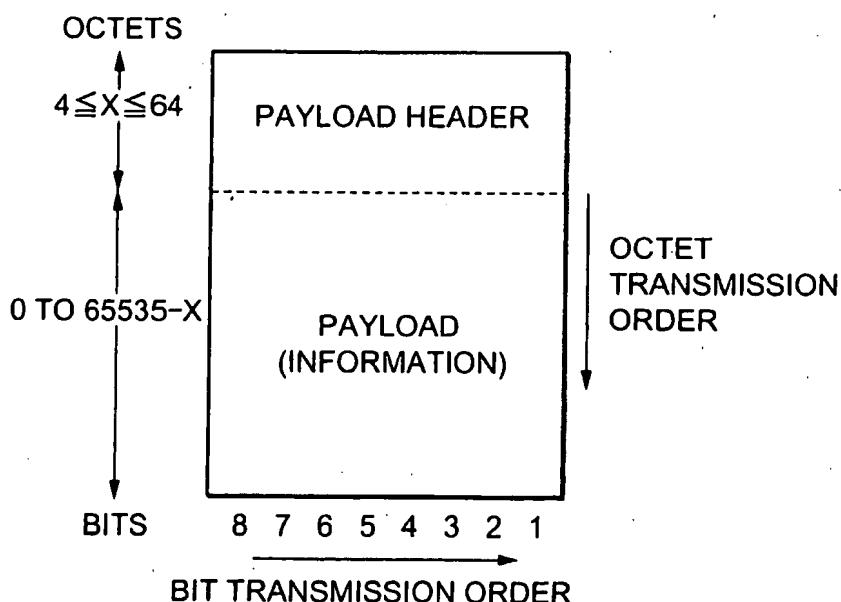
8 7 6 5 4 3 2 1

BIT TRANSMISSION ORDER

(PRIOR ART)

Fig.3

SH  
0.1C.



(PRIOR ART)

Fig.4

3/15

OCTET #

1  
2  
3  
4

FCS	<31:24>
FCS	<23:16>
FCS	<15:08>
FCS	<07:00>

OCTET  
TRANSMISSION  
ORDER

BITS

8 7 6 5 4 3 2 1

BIT TRANSMISSION ORDER

(PRIOR ART)

Fig.5

SH  
0.1K.

OCTET #

1  
2  
3  
4  
5  
6  
7  
8

TYPE	<15:08>
TYPE	<07:00>
tHEC	<15:08>
tHEC	<07:00>
DP<03:00>	SP<03:00>
SPARE	<07:00>
eHEC	<15:08>
eHEC	<07:00>

OCTET  
TRANSMISSION  
ORDER

BITS

8 7 6 5 4 3 2 1

BIT TRANSMISSION ORDER

(PRIOR ART)

Fig.6

4 / 15

OCTET #

1	TYPE <15:08>
2	TYPE <07:00>
3	tHEC <15:08>
4	tHEC <07:00>
5	DP<03:00> SP<03:00>
6	SPARE <07:00>
7	SPARE<03:00> DE COS<03:00>
8	TTL <07:00>
9	DST MAC <47:40>
10	DST MAC <39:32>
11	DST MAC <31:24>
12	DST MAC <23:16>
13	DST MAC <15:08>
14	DST MAC <07:00>
15	SRC MAC <47:40>
16	SRC MAC <39:32>
17	SRC MAC <31:24>
18	SRC MAC <23:16>
19	SRC MAC <15:08>
20	SRC MAC <07:00>
21	eHEC <15:08>
22	eHEC <07:00>

OCTET  
TRANSMISSION  
ORDER

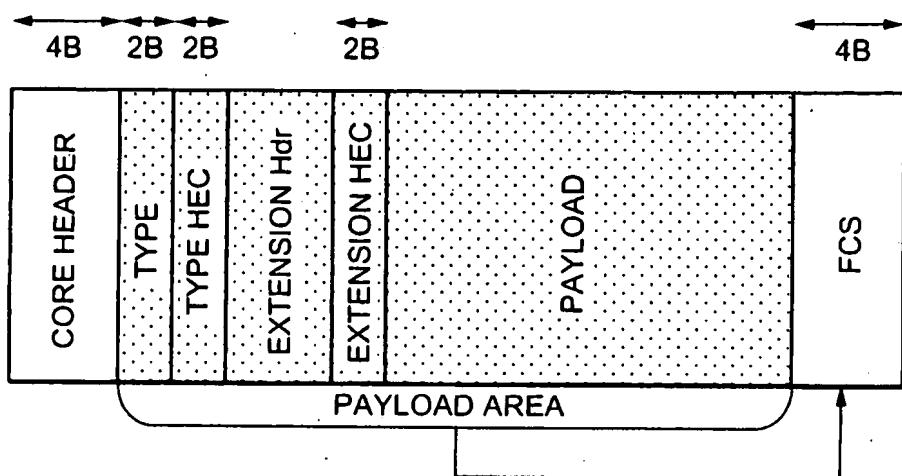
BITS      8    7    6    5    4    3    2    1



BIT TRANSMISSION ORDER

(PRIOR ART)  
**Fig.7**

S.H.  
O.K.



SH  
P.K.

(PRIOR ART)  
**Fig.8**